

[54] **ELECTRONIC MUSICAL INSTRUMENT
KEYING ASSEMBLY PROVIDING A
MINIMUM OF ELECTRICAL NOISE**

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[56]

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[57]

ABSTRACT

A switch for an electronic organ or other electronic instrument, which produces a minimum of electrical noise even when low level electrical signals pass through the switch for later high gain amplification. The switch includes a cylindrical wire connected to a tone generator, and a strip of conductive elastic material which can be deflected against the wire and that spreads onto the wire to gradually increase the contact area therewith and decrease the contact resistance. An electrically conductive lubricant is applied to the wire and elastic strip so that as the elastic material of the strip spreads under pressure, the spreading portions smoothly slide outwardly. An insulator strip is fastened to the elastic conductive strip, and another elastic conductive strip is fastened to the insulator and is grounded, to shield the first conductive strip from stray electrical currents.

5 Claims, 10 Drawing Figures

